

Zebulon is located in the eastern end of Wake County 18 miles from Raleigh. Major highways serving Zebulon include U.S. 64 and 264, and N.C. 96 and 97. Twenty-three miles to the east of Zebulon is Interstate Highway 95.

Rail service is provided to the town by the Norfolk Southern Railroad.

The travel distances to adjacent towns of equal or larger population size are listed below (See Regional Setting Map).

	Distance (in miles)	population ^{a/}
Wendell	5	1,620
Raleigh	18	93,931
Wake Forest	17	2,664
Louisburg	21	2,862
Rocky Mount	30	32,147
Wilson	23	28,753
Smithfield	25	6,117

^{a/} U.S. Census of Population, 1960.